CUAPHI316 Capture images using drone technology

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to capture images using drone technology in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards.

It applies to individuals who produce photographs for print or electronic media and for different contexts including weddings, special events, portraits, forensics, art photography and specialist publications. At this level, work would be undertaken independently, but within established parameters and under supervision and guidance.

No licensing, legislative or certification conditions apply to this unit at the time of publication.

Unit Sector

Visual communication – photo imaging

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Prepare to capture images	1.1 Discuss photographic project with required personnel and select required camera and accessories 1.2 Confirm digital camera features meet project requirements 1.3 Prepare required flight maps, aeronautical charts and weather briefings 1.4 Plan for effects of wind velocity, adverse environmental conditions and contingency actions 1.5 Plan digital camera features, lighting, photographic design elements and photographic techniques according to project requirements

ELEMENT	PERFORMANCE CRITERIA
2. Capture images	2.1 Conduct drone technology departure procedures
	2.2 Operate digital camera according to manufacturer specifications
	2.3 Set digital camera preferences and use photographic techniques according to desired results
	2.4 Adjust planned shots as required and experiment with different ways of achieving desired results
	2.5 Identify effects of wind velocity and adverse environmental and respond as required
	2.6 Land drone in defined landing zone in accordance with requirements
	2.7 Perform documented shutdown procedures
3. Review images	3.1 Download digital images using required digital imaging software
	3.2 Rotate, cull, sort and rename images to meet requirements
	3.3 Apply metadata and key words to images as required
	3.4 Back up files of images and archive as required
	3.5 Seek feedback from others on quality of original captures and note areas for improvement
4. Complete post-shoot activities	4.1 Clean and care for equipment according to manufacturer instructions
	4.2 Report damage to equipment to required personnel according to procedures
	4.3 Transport and store equipment according to procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Oral communication	• Participates in discussions with others using clear and relevant language to determine requirements • Requests feedback and confirms understanding using listening and questioning techniques
Reading	• Operates equipment using straightforward information from required sources
Writing	• Records file identification information and completes required process documentation using clear, specific and industry terminology

SKILL	DESCRIPTION
Teamwork	• Clarifies project requirements using accepted communication practices and procedures
Initiative and enterprise	• Discusses work progress using accepted communication practices and procedures • Identifies camera features and functions required to meet desired results and project requirements
Planning and organising	• Plans and organises routine tasks with familiar goals and outcomes in methodical sequence
Self-management	• Observes workplace safety practices when performing tasks • Follows correct procedures for equipment cleaning and storage • Complies with CASA standard operating conditions and air traffic regulations
Technology	• Uses drone technology and digital tools to capture, identify and store digital images

Unit Mapping Information

No equivalent unit.

Links

Companion Volume Implementation Guide is found on VETNet -
https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5